

Title (en)

POLYHYDROXYLATED BILE ACIDS FOR TREATMENT OF BILIARY DISORDERS

Title (de)

POLYHYDROXYLIERTE GALLENSÄURE ZUR BEHANDLUNG VON GALLENERKRANKUNGEN

Title (fr)

ACIDES BILIAIRES POLYHYDROXYLÉS POUR LE TRAITEMENT DES TROUBLES BILIAIRES

Publication

EP 2470553 A1 20120704 (EN)

Application

EP 10811080 A 20100825

Priority

- US 23675009 P 20090825
- CA 2010001338 W 20100825

Abstract (en)

[origin: WO2011022838A1] The invention provides, in part, polyhydroxylated bile acids for treating biliary disorders, for example, biliary disorders arising out of cholestasis or portal hypertension. The invention also provides, in part, polyhydroxylated bile acids for stimulating bile flow. New compounds 2a,3a,7a,12a-tetrahydroxy-5 β -cholanoic acid and 3a,4a,7a,12a-tetrahydroxy-5 β -cholanoic acid are disclosed, uses thereof and synthesis thereof.

IPC 8 full level

A61K 31/575 (2006.01); **A61P 1/16** (2006.01); **C07J 9/00** (2006.01)

CPC (source: EP)

A61K 31/575 (2013.01); **A61P 1/16** (2018.01); **A61P 1/18** (2018.01); **A61P 7/02** (2018.01); **A61P 9/10** (2018.01); **A61P 9/12** (2018.01); **A61P 27/02** (2018.01); **A61P 31/04** (2018.01); **A61P 35/00** (2018.01); **C07J 9/005** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2011022838 A1 20110303; **WO 2011022838 A8 20110616**; AU 2010286253 A1 20120419; BR 112012004284 A2 20170613; BR 112012004284 B1 20210105; BR 112012004284 B8 20210525; CN 102712672 A 20121003; CN 102712672 B 20160914; EP 2470553 A1 20120704; EP 2470553 A4 20130220; EP 2470553 B1 20240619; JP 2013502442 A 20130124; JP 5909774 B2 20160427; SG 178562 A1 20120329

DOCDB simple family (application)

CA 2010001338 W 20100825; AU 2010286253 A 20100825; BR 112012004284 A 20100825; CN 201080048314 A 20100825; EP 10811080 A 20100825; JP 2012525830 A 20100825; SG 2012013132 A 20100825